

[five pages of drawings; Figures 1-9]

Fig. 1

<i>Umluft</i>	=	recirculated air
<i>Zuluft Kabine</i>	=	air fed to cabin
<i>Mischkammer</i>	=	mixing chamber
<i>Auslassleitung Klimaanlage</i>	=	outlet conduit of climate control system
<i>Kuehlluft</i>	=	cool air
<i>Rueckschlagklappe</i>	=	flap trap
<i>Versorgungsluft</i>	=	supply air
<i>Klimaanlage 1</i>	=	climate control system 1
<i>Klimaanlage 2</i>	=	climate control system 2

Fig. 2

<i>Stauluft</i>	=	ram air
<i>Druckluft</i>	=	compressed air
<i>Kabine</i>	=	cabin
<i>Mischkammer</i>	=	mixing chamber

Fig. 3

<i>feuchte Luft vom REH</i>	=	moist air from the reheater
<i>Turbinenauslassluft</i>	=	turbine outlet air
<i>zur Mischkammer bzw Kabine</i>	=	to the mixing chamber or cabin
<i>Bypass</i>	=	bypass
<i>TCV-Luft</i>	=	TCV air

<i>feuchte Luft vom REH</i>	=	moist air from the reheater
<i>Kuehlrippen</i>	=	cooling fins
<i>Turbinenauslassluft bzw TCV-Luft</i>	=	turbine outlet air or TCV air
<i>zur Mischkammer bzw Kabine</i>	=	to the mixing chamber or cabin
<i>Kondensor Bypass</i>	=	condenser bypass
<i>zum Wasserabscheider (WE)</i>	=	to the water eliminator (WE)

Fig. 4

Feuchte Klimaanlage Auslassluft = moist climate control system outlet air

<i>Feuchte, g/kg</i>	=	humidity, g/kg
<i>Umgebungstemperatur, deg C</i>	=	ambient temperature, degrees Celsius
<i>TEILLAST</i>	=	PARTIAL POWER

Fig. 5

<i>Stauluft</i>	=	ram air
<i>Druckluft</i>	=	compressed air
<i>Kabine</i>	=	cabin
<i>Mischkammer</i>	=	mixing chamber

Fig. 6

<i>feuchte Luft vom REH</i>	=	moist air from the reheater
<i>Turbinenauslassluft</i>	=	turbine outlet air
<i>zur Mischkammer bzw Kabine</i>	=	to the mixing chamber or cabin
<i>Bypass</i>	=	bypass
<i>TCV-Luft</i>	=	TCV air

<i>feuchte Luft vom REH</i>	=	moist air from the reheater
<i>zur Mischkammer bzw Kabine</i>	=	to the mixing chamber or cabin
<i>Turbinenauslassluft</i>	=	turbine outlet air
<i>TCV-Luft</i>	=	TCV air
<i>zum WE</i>	=	to the water eliminator (WE)

Fig. 7

Feuchte Klimaanlage Auslassluft = moist climate control system outlet air

<i>Stand der Technik</i>	=	state of the art
<i>Erfindung</i>	=	invention
<i>Feuchte, g/kg</i>	=	humidity, g/kg
<i>Umgebungstemperatur, deg C</i>	=	ambient temperature, degrees Celsius
<i>TEILLAST</i>	=	PARTIAL POWER

Fig. 8

<i>feuchte Luft vom REH</i>	=	moist air from the reheater
<i>Turbinenauslassluft</i>	=	turbine outlet air
<i>zur Mischkammer bzw Kabine</i>	=	to the mixing chamber or cabin
<i>Bypass</i>	=	bypass
<i>TCV</i>	=	[temperature control valve?]
<i>TCV ganz geschlossen (maximal Kuehlen)</i> = TCV completely closed (maximum cooling)		

<i>feuchte Luft vom REH</i>	=	moist air from the reheater
<i>Turbinenauslassluft</i>	=	turbine outlet air
<i>zur Mischkammer bzw Kabine</i>	=	to the mixing chamber or cabin

<i>Bypass</i>	=	bypass
<i>TCV</i>	=	[temperature control valve?]
<i>TCV offen (Teillastbetrieb)</i>	=	TCV open (partial power operation)

Fig. 9

<i>feuchte Luft vom REH</i>	=	moist air from the reheater
<i>Kuehlrippen</i>	=	cooling fins
<i>Turbinenauslassluft bzw TCV-Luft</i>	=	turbine outlet air or TCV air
<i>zur Mischkammer bzw Kabine</i>	=	to the mixing chamber or cabin
<i>Kondensor Bypass</i>	=	condenser bypass
<i>zum Wasserabscheider (WE)</i>	=	to the water eliminator (WE)

Fig. 3

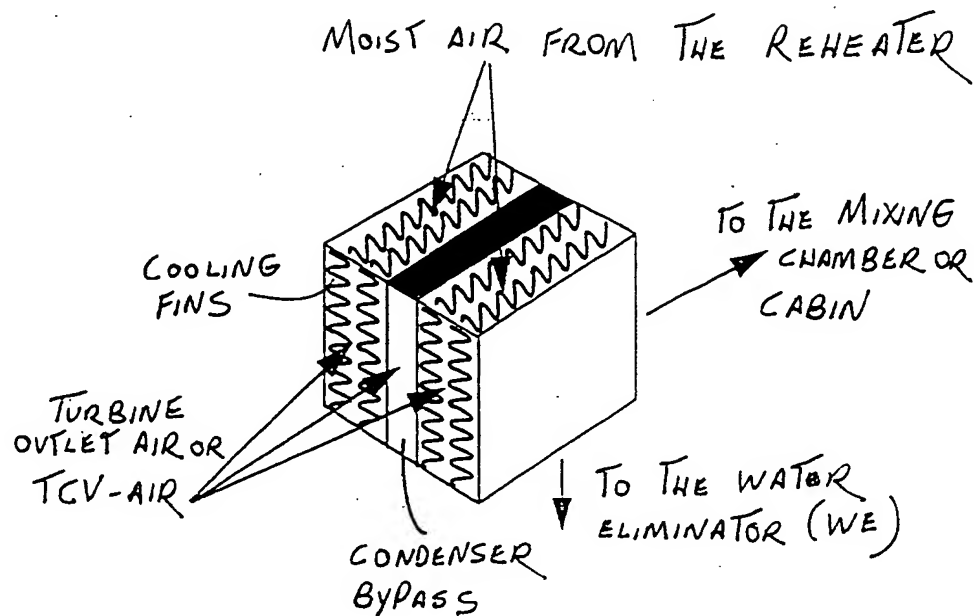
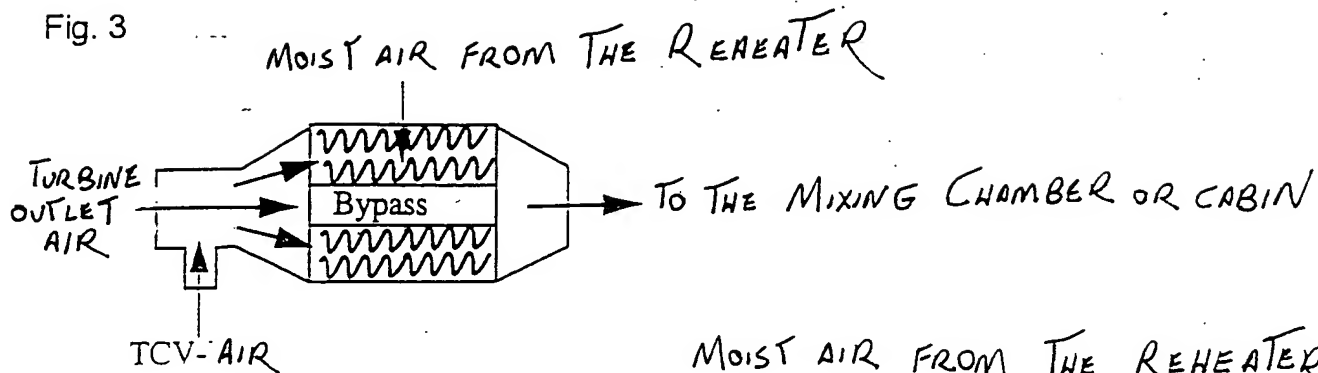


Fig. 4

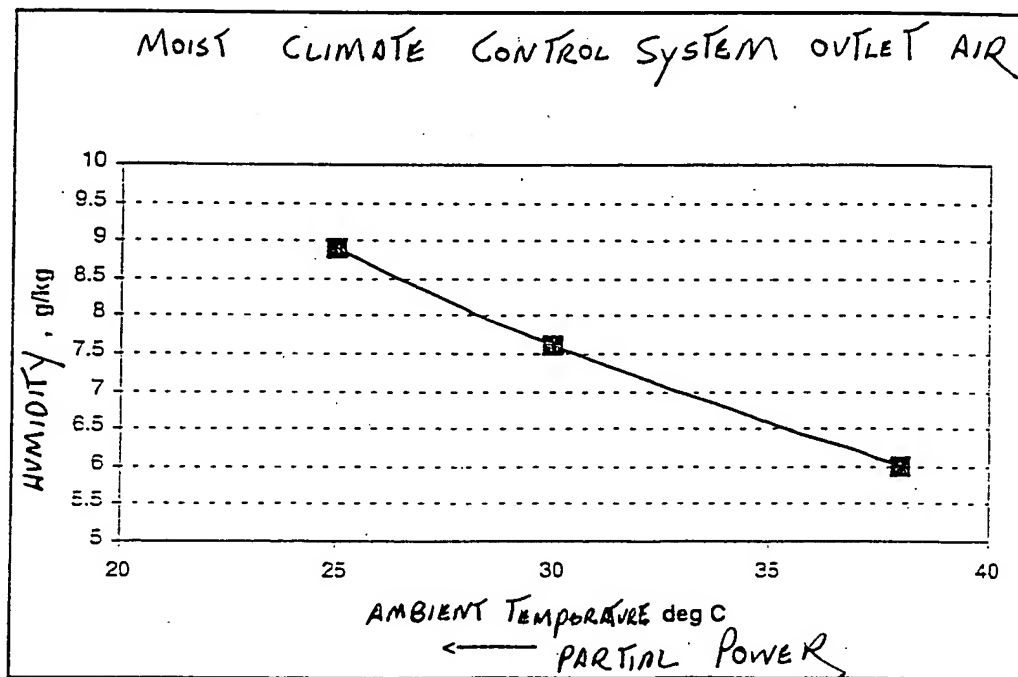


Fig. 5

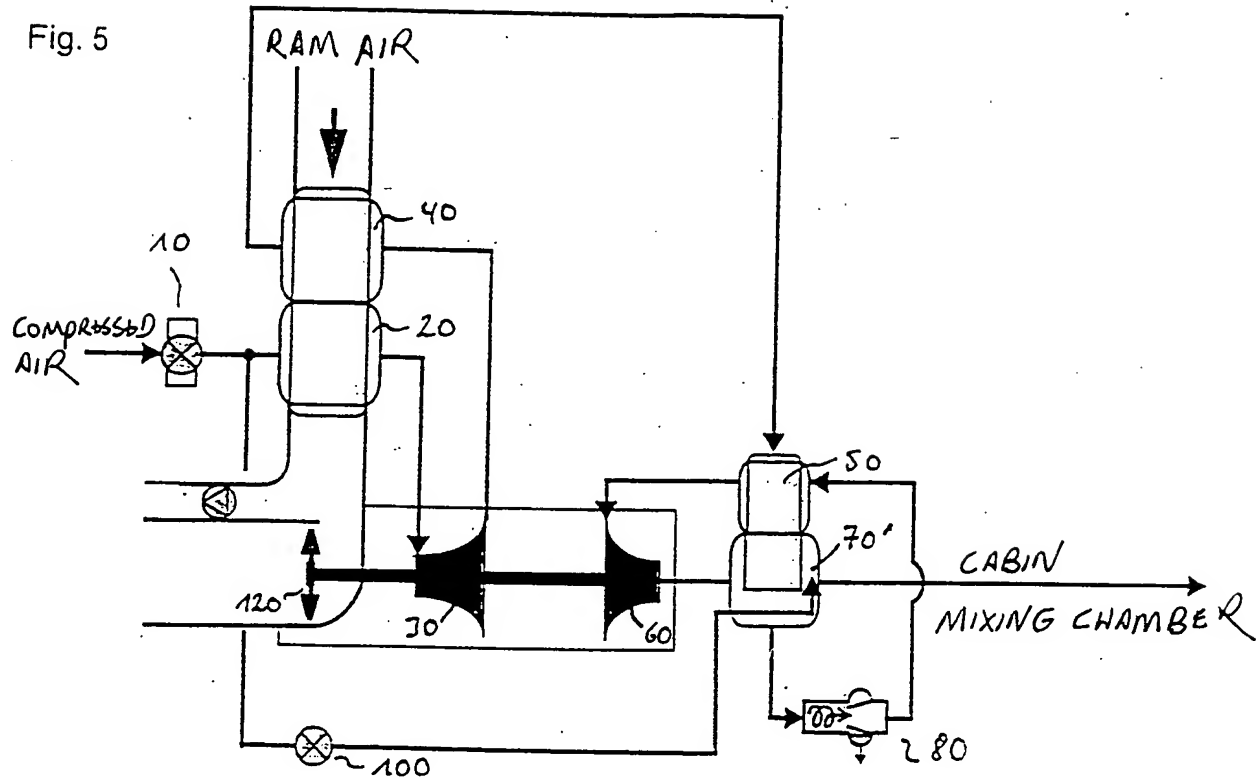


Fig. 6

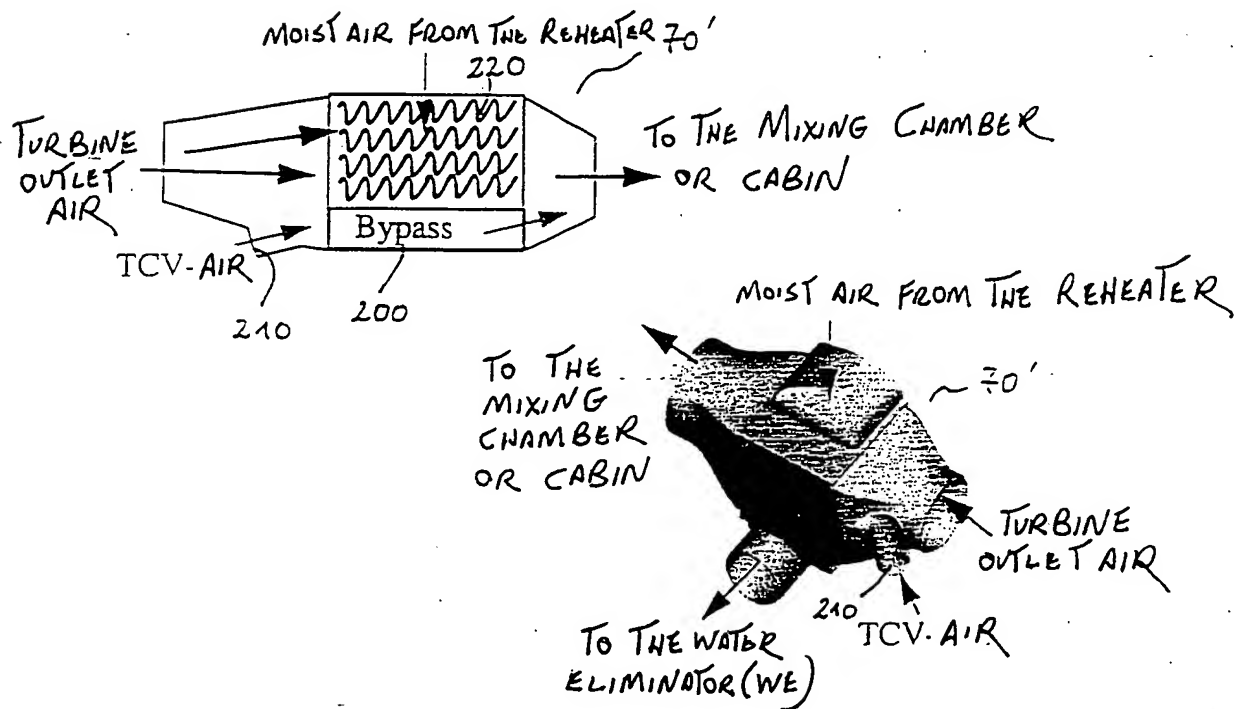


Fig. 7

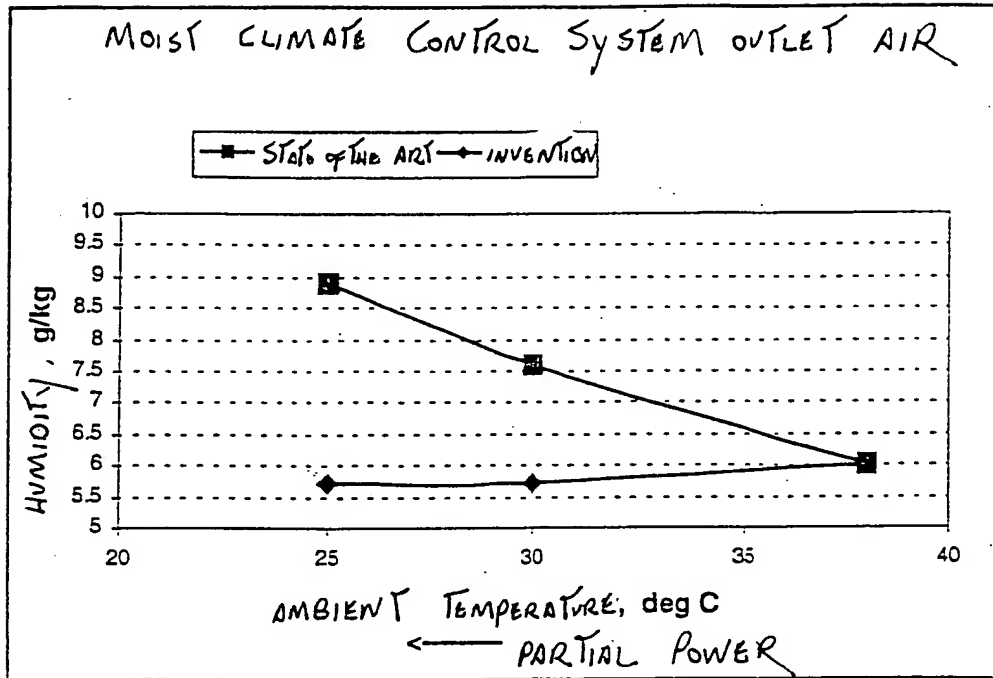


Fig. 8

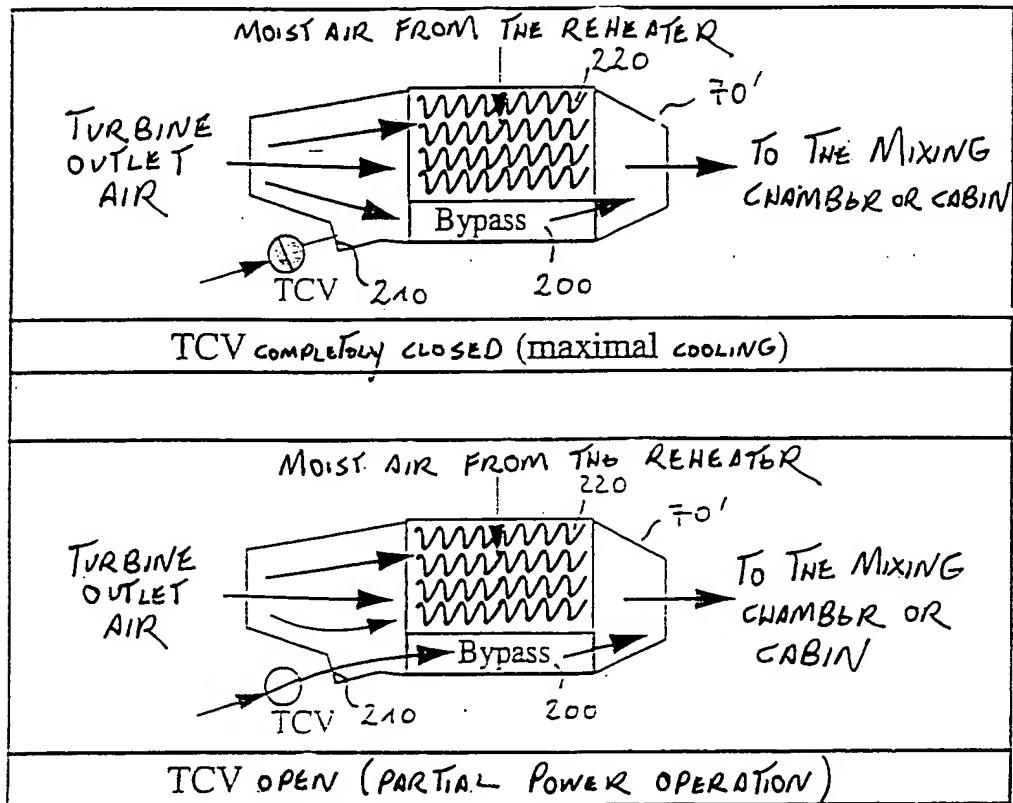


Fig. 9

